

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

AOKI et al.

Application No. 09/729,086

Filed: December 5, 2000

For: LIQUID CRYSTAL DISPLAY
APPARATUS AND TFT PANEL

Art Unit: 2871

Examiner: P. Akkapeddi

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated November 7, 2002, please enter the following amendments and consider the following remarks.

AMENDMENTS

IN THE SPECIFICATION:

Replace the paragraph beginning at page 15, line 16 with:

In the present embodiment, a gate interconnection 41 and the X direction driving circuit portion is arranged as shown in FIG. 5. As shown in FIG. 5, the width 34 of the channel region of each driving transistor 30 is parallel to the gate interconnection. Each driving transistor 30 has its central portion electrically coupled by gate interconnection 41 and opposing sides electrically coupled by source interconnection 43 and drain interconnection 42. Where the driving transistor overlaps these interconnections, gate, source, and drain electrodes are located. Further, in the source electrode and the drain electrode, contact portions 37 are provided, which are electrically connected to the source region 33 and the drain region 32 of the polysilicon film, respectively. Referring to FIG. 5, the channel regions of the three transistors 30 are aligned along a first straight line parallel to the channel width 34 and forming a first acute angle with the longer axis direction 25 of the laser beam. The first straight line intersects another straight line at a bent portion 90. That straight line of the bent portion 90 is parallel to the longer axis direction 25 of the laser beam.